

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/532,740  
Source: IFWP  
Date Processed by STIC: 07/27/2006

# ***ENTERED***



IFWP

## RAW SEQUENCE LISTING

DATE: 07/27/2006

PATENT APPLICATION: US/10/532,740

TIME: 11:52:10

Input Set : A:\PRD2008U.APP

Output Set: N:\CRF4\07272006\J532740.raw

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3 <110> APPLICANT: PEETERS, PIETER JOHAN
4      GOHLMANN, HINRICH WILHELM HELMUT
5      SWAGEMAKERS, SIGRID MARIA ALICE
6      FIERENS, FREDERIK LUCIEN PETER
8 <120> TITLE OF INVENTION: GENES WHOSE EXPRESSION IS INCREASED IN RESPONSE TO
9      STIMULATION BY CORTICOTROPIN-RELEASING HORMONE
11 <130> FILE REFERENCE: PRD-2008-USPCT1
13 <140> CURRENT APPLICATION NUMBER: 10/532,740
14 <141> CURRENT FILING DATE: 2005-04-26
16 <150> PRIOR APPLICATION NUMBER: PCT/EP03/011793
17 <151> PRIOR FILING DATE: 2003-10-23
19 <150> PRIOR APPLICATION NUMBER: PCT/EP02/12273
20 <151> PRIOR FILING DATE: 2002-10-31
22 <160> NUMBER OF SEQ ID NOS: 94
24 <170> SOFTWARE: PatentIn Ver. 3.3
26 <210> SEQ ID NO: 1
27 <211> LENGTH: 1389
28 <212> TYPE: DNA
29 <213> ORGANISM: Mus musculus
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34 tcaggtgaag atttgctcct gaacgaaggg agcatgggga aaaacaaatc ctcggcgtgt 180
35 cggagaaaac ggggaattcat tccggacgag aagaaagacg ccatgtattg ggagaaacgg 240
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40 tcttttgttg acgagcatga gcctgcgatg gtagccggaa gttgcatctc agtcatcaag 540
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42 gaaagccccc cacagggagg ctgccggagc cctgagaaca agttccctgt gatcaagcag 660
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68      20      25      30
70 Ala Glu Val Ala Glu Asp Leu Ala Ser Gly Glu Asp Leu Leu Asn
71      35      40      45
73 Glu Gly Ser Met Gly Lys Asn Lys Ser Ser Ala Cys Arg Arg Lys Arg
74      50      55      60
76 Glu Phe Ile Pro Asp Glu Lys Lys Asp Ala Met Tyr Trp Glu Lys Arg
77  65      70      75      80
79 Arg Lys Asn Asn Glu Ala Ala Lys Arg Ser Arg Glu Lys Arg Arg Leu
80      85      90      95
82 Asn Asp Leu Val Leu Glu Asn Lys Leu Ile Ala Leu Gly Glu Glu Asn
83      100     105     110
85 Ala Thr Leu Lys Ala Glu Leu Leu Ser Leu Lys Leu Lys Phe Gly Leu
86      115     120     125
88 Ile Ser Ser Thr Ala Tyr Ala Gln Glu Ile Gln Lys Leu Ser Asn Ser
89      130     135     140
91 Thr Ala Val Tyr Phe Gln Asp Tyr Gln Thr Ser Lys Ala Ala Val Ser
92 145     150     155     160
94 Ser Phe Val Asp Glu His Glu Pro Ala Met Val Ala Gly Ser Cys Ile
95      165     170     175
97 Ser Val Ile Lys His Ser Pro Gln Ser Ser Leu Ser Asp Val Ser Glu
98      180     185     190
100 Val Ser Ser Val Glu His Thr Gln Glu Ser Pro Ala Gln Gly Gly Cys
101      195     200     205
103 Arg Ser Pro Glu Asn Lys Phe Pro Val Ile Lys Gln Glu Pro Val Glu
104      210     215     220
106 Leu Glu Ser Phe Ala Arg Glu Ala Arg Glu Glu Arg Gly Thr Tyr Ser
107 225     230     235     240
109 Thr Ser Ile Tyr Gln Ser Tyr Met Gly Ser Ser Phe Ser Thr Tyr Ser
110      245     250     255
112 His Ser Pro Pro Leu Leu Gln Val His Gly Ser Thr Ser Asn Ser Pro
113      260     265     270
115 Arg Thr Ser Glu Ala Asp Glu Gly Val Val Gly Lys Ser Ser Asp Gly
116      275     280     285
118 Glu Asp Glu Gln Gln Val Pro Lys Gly Pro Ile His Ser Pro Val Glu
119      290     295     300
121 Leu Gln Arg Val His Ala Thr Val Val Lys Val Pro Glu Val Asn Pro
122 305     310     315     320
124 Ser Ala Leu Pro His Lys Leu Arg Ile Lys Ala Lys Ala Met Gln Val
125      325     330     335
127 Lys Val Glu Ala Leu Asp Ser Glu Phe Glu Gly Met Gln Lys Leu Ser

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128          340          345          350
130 Ser Pro Ala Asp Ala Ile Ala Lys Arg His Phe Asp Leu Glu Lys His
131          355          360          365
133 Gly Thr Ser Gly Met Ala His Ser Ser Leu Pro Pro Phe Ser Val Gln
134          370          375          380
136 Val Thr Asn Ile Gln Asp Trp Ser Leu Lys Ser Glu His Trp His His
137 385          390          395          400
139 Lys Glu Leu Ser Ser Lys Thr Gln Ser Ser Phe Lys Thr Gly Val Val
140          405          410          415
142 Glu Val Lys Asp Gly Gly Tyr Lys Val Ser Glu Ala Glu Asn Leu Tyr
143          420          425          430
145 Leu Lys Gln Gly Ile Ala Asn Leu Ser Ala Glu Val Val Ser Leu Lys
146          435          440          445
148 Arg Phe Ile Ala Thr Gln Pro Ile Ser Ala Ser Asp Ser Arg
149          450          455          460
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153 <211> LENGTH: 1704
154 <212> TYPE: DNA
155 <213> ORGANISM: Mus musculus
157 <400> SEQUENCE: 3
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159 agcttggggc ttgtcatggt gccagcaggt ggccctgagc ttctgacagg ggcctgccta 120
160 tagacctgca ggcctgaggc ctcagactca cactcaaggg gcaagaggcc ctgggtggccc 180
161 acctaagagc cacctctgtc cccagccctg ctgccccact gatgtctgac tgagacccag 240
162 cagtgcacct gagctgcctg cccactgcct cctcctggtc cctgaggttg gctctgccga 300
163 ggacggacga ctcttctgaa gcaggcggct aacggaagca gcccgaagcc tccaccgcag 360
164 catgggcagt gccagccag gcctgagcaa cgtgtcccc ggttgectgc tactgttccc 420
165 agatgtggca ccacgaacag ggacggagaa ggcagcatca ggagcaatgg gccctgagaa 480
166 gcaggaatgg agtcctagtc caccgcacac ccctgagcag ggctgtctg ctttctacct 540
167 ctcttacttt aacatgtatc ccgacgatag cagctgggtc gccaaagtcc ccgaggcccc 600
168 tgccggggag gaccacccgg aggagcccg gacgtgtccc gtcattgaca gccaggcctc 660
169 tgggagcacg ttggatgagc actcgctaga gcaggtgcaa tccgatgggtg tgggcgaggt 720
170 cctgaaagat attgagacgg cctgcaagct tctgaacatc acagcagacc ctggggactg 780
171 gagccctggt aacgtgcaga agtggctttt atggacagaa caccagtacc ggctgcctcc 840
172 agcaggcaag gccttccagg agctgggcgg taaggagctg tgcgccatgt ccgaggaaca 900
173 gttccgtcag cgtgcaccct tgggtgggga tgtactgcat gcccacctgg acatctggaa 960
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175 cagcaggagg ggctggacgg atggtgaggt ggactcgtcg tgctccgggc agcccattca 1080
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177 ctggctcaac aaggagaaag gcatcttcaa aattgaggac tcagcacagg tggcccgact 1200
178 gtggggtgtg cgcaagaacc ggccagccat gaactatgat aaactaagcc gctccatccg 1260
179 ccagtattac aagaagggca tcattcgtaa acccgacatc tctcagcgcc ttgtctacca 1320
180 atttgtgcat ccagtctgag agccacagag accagaggcc tacaacctgc cccaggcagc 1380
181 cactctctgg ttggcctggt cctctctgct cactctgaat tcaggggctg ctggtatccc 1440
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184 cagctcaccg gacagtgatg tcactggctc ctgctcctgc cacaatcctg taccatatct 1620
185 ggcatgggtg taagagatgt ctgtaccctg cgttgggaag ccaggggtgc cctggggatg 1680
186 gataataaag acgtaagata actg                                     1704

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190 <211> LENGTH: 325
191 <212> TYPE: PRT
192 <213> ORGANISM: Mus musculus
194 <400> SEQUENCE: 4
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198 Leu Leu Phe Pro Asp Val Ala Pro Arg Thr Gly Thr Glu Lys Ala Ala
199           20           25           30
201 Ser Gly Ala Met Gly Pro Glu Lys Gln Glu Trp Ser Pro Ser Pro Pro
202           35           40           45
204 Ala Thr Pro Glu Gln Gly Leu Ser Ala Phe Tyr Leu Ser Tyr Phe Asn
205           50           55           60
207 Met Tyr Pro Asp Asp Ser Ser Trp Val Ala Lys Val Pro Glu Ala Arg
208  65           70           75           80
210 Ala Gly Glu Asp His Pro Glu Glu Pro Glu Gln Cys Pro Val Ile Asp
211           85           90           95
213 Ser Gln Ala Ser Gly Ser Thr Leu Asp Glu His Ser Leu Glu Gln Val
214           100          105          110
216 Gln Ser Met Val Val Gly Glu Val Leu Lys Asp Ile Glu Thr Ala Cys
217           115          120          125
219 Lys Leu Leu Asn Ile Thr Ala Asp Pro Gly Asp Trp Ser Pro Gly Asn
220           130          135          140
222 Val Gln Lys Trp Leu Leu Trp Thr Glu His Gln Tyr Arg Leu Pro Pro
223 145           150           155           160
225 Ala Gly Lys Ala Phe Gln Glu Leu Gly Gly Lys Glu Leu Cys Ala Met
226           165           170           175
228 Ser Glu Glu Gln Phe Arg Gln Arg Ala Pro Leu Gly Gly Asp Val Leu
229           180          185          190
231 His Ala His Leu Asp Ile Trp Lys Ser Ala Ala Trp Met Lys Glu Arg
232           195          200          205
234 Thr Ser Pro Gly Thr Leu His Tyr Cys Ala Ser Thr Ser Glu Glu Gly
235           210          215          220
237 Trp Thr Asp Gly Glu Val Asp Ser Ser Cys Ser Gly Gln Pro Ile His
238 225          230          235          240
240 Leu Trp Gln Phe Leu Lys Glu Leu Leu Leu Lys Pro His Ser Tyr Gly
241           245          250          255
243 Arg Phe Ile Arg Trp Leu Asn Lys Glu Lys Gly Ile Phe Lys Ile Glu
244           260          265          270
246 Asp Ser Ala Gln Val Ala Arg Leu Trp Gly Val Arg Lys Asn Arg Pro
247           275          280          285
249 Ala Met Asn Tyr Asp Lys Leu Ser Arg Ser Ile Arg Gln Tyr Tyr Lys
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252 Lys Gly Ile Ile Arg Lys Pro Asp Ile Ser Gln Arg Leu Val Tyr Gln
253 305          310          315          320
255 Phe Val His Pro Val
256           325
259 <210> SEQ ID NO: 5
260 <211> LENGTH: 4701

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Input Set : A:\PRD2008U.APP

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261 &lt;212&gt; TYPE: DNA

262 &lt;213&gt; ORGANISM: Mus musculus

264 &lt;400&gt; SEQUENCE: 5

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266 ggcaagcggg tggagggcgc tcgaacggcc aggtgtcgtg attaaattag tcagccctca 120
267 gagacaggcg tctacctcc tttatccaga cctcaaaagc cccgttgtgc acccgtggtg 180
268 gcttcttcac ctccctgtt tcgtctcca ctgtatggcc cagacatgag tgggtccccta 240
269 gaaggggccc atgggggagg agacccagg cccggagaac ctttttgtcc tggaggagtc 300
270 ccatccctg gggcccgcga gcaccggcct tgtccaggcc ccagcctggc tgatgacact 360
271 gatgcaaaca gcaatggctc aagtggcaat gagtccaacg gacccgagtc caggggcgca 420
272 tctcagcggg gttctcatag ttctcttct ggcaatggca aggactcagc tctgctggag 480
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275 agtgaacagt cagctcagc caggaccag aaagaactca tgactgcact tcggggagctc 660
276 aaacttcgac tgccaccaga gcgtcggggc aagggcgct ctgggacctt ggccacactg 720
277 cagtacgctc tggcctgtgt caagcagggt caggctaacc aggaatatta ccagcagtggt 780
278 agtctggagg aggggtgagc ttgtgccatg gacatgtcta cttacacctt ggaggaattg 840
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RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/532,740

DATE: 07/27/2006  
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:49; N Pos. 461

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/532,740

DATE: 07/27/2006

TIME: 11:52:11

Input Set : A:\PRD2008U.APP

Output Set: N:\CRF4\07272006\J532740.raw

L:3873 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49 after pos.:420